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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/081,885  
Applicant : Kaufman  
Filed : February 20, 2002  
Patent No. : 6,858,395 B2  
Issued : February 22, 2005  
For : DIAGNOSTICS, ASSAY METHODS AND AMELIORATION OF  
MUSCULAR DYSTROPHY SYMPTOMS  
Docket No. : 94-00  
Customer No. : 23713

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as EXPRESS MAIL in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

8 March 2005

B. Kroge

Date

B. Kroge

Express Mail Receipt No: EV 663 225 182 US

**REQUEST FOR CERTIFICATE OF CORRECTION**

Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
**MAR 15 2005**  
**of Correction**

Sir:

A Certificate of Correction for U.S. Patent No. 6,858,395 issued February 22, 2005 is respectfully requested as the printed patent contains clerical and printing errors in the Title, Specification and Claims. None of the corrections herein represent the addition of new matter. Two copies of PTO Form 1050 are enclosed herewith listing the corrections requested.

The insertion of a comma between "DIAGNOSTICS" and "ASSAY" in two occurrences of the title of the application corrects Patent Office printing errors and improves clarity.

The replacement in Column 3, line 55 corrects a printing error and is supported by the as-filed Specification at page 4, line 27.

The replacement in Column 4, line 5 corrects a printing error and is supported by the as-filed Specification at page 5, line 2.

The replacement in Column 7, line 22 corrects a printing error and is supported by the as-filed Specification at page 9, line 1.

The replacement in Column 9, line 40 corrects a printing error and is supported by the as-filed Specification at page 12, line 2.

The replacement in Column 10, line 9, corrects a printing error and is supported by the as-filed Specification at page 12, line 30.

The replacement in Column 11, line 15, corrects a printing error and is supported by the as-filed Specification at page 14, line 7.

The replacement in Column 13, line 17 corrects a printing error and is supported by the as-filed Specification at page 16, line 26.

The replacement in Column 13, line 24, corrects a printing error and is supported by the as-filed Specification at page 16, line 31.

The replacement in Column 14, line 14, corrects a printing error and is supported by the as-filed Specification at page 18, line 2.

The replacements in Column 14, lines 61, 64-66, and Column 15, lines 4-5, correct printing errors and are supported by the as-filed Specification at pages 18-19.

The replacement in Column 15, line 8 corrects a printing error and is supported by the as-file Specification at page 19, line 8.

The replacement in Column 15, line 16 corrects a printing error and is supported by the as-filed Specification at page 19, line 14.

The replacements in Column 17, lines 10 and 17 correct printing errors and are supported by the as-filed Specification at page 21, lines 29 and 35.

The replacement in Column 18, line 20 corrects a printing error and is supported by the as-filed Specification at page 23, line 17.

The replacement in Column 20, line 30 corrects a printing error and is supported by the as-filed Specification at page 25, line 36.

The replacement in Column 22, line 30 corrects a printing error and is supported by the as-filed Specification at page 28, line 8.

The replacement in Column 22, line 32 corrects a printing error and is supported by the as-filed Specification at page 28, line 9.

The replacement in the header of Table 1 in Column 22 corrects a printing error and is supported by the as-filed Table 1 in the Specification at page 29.

The replacements in Table 1, Column 23 correct printing errors and are supported by the as-filed Table 1 in the Specification at page 29.

The replacement in Column 25, line 18 corrects a printing error and is supported by the as-filed Specification at page 30, line 18.

The replacement in Column 25, line 41, corrects a printing error and is supported by Table 2 in the as-filed Specification at page 30.

The deletions in Claim 1, Columns 32 and 33, and the insertion of sub-paragraph (e) in Column 33 are supported by the Examiner's Amendment appearing in the Notice of Allowance mailed February 5, 2004.

The need for correction is not due to any error by Applicants and it is believed that no fee is due. If this is incorrect, however, please charge any requisite fees to Deposit Account No. 07-1969.

Respectfully submitted,



Heeja Yoo-Warren  
Reg. No. 45,495

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Attorney Docket No.: 94-00  
bmk: March 8, 2005

MAR 16 2005

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 6,858,395 *B2*

Page 1 of 3

DATED : February 22, 2005

INVENTOR(S) : Kaufman

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item (54), insert a comma "," between "DIAGNOSTICS" and "ASSAY".

Item (56), OTHER PUBLICATIONS, under reference "Monaco, A.P. et al.", for the year of the publication *Nature*, delete "1996" and replace with --1986--.

Column 1,

Line 1, insert a comma "," between "DIAGNOSTICS" and "ASSAY" in the title.

Column 2,

Line 50, insert a period "." between "splicing" and " $\beta$ 1A".

Line 59, delete "myopathics" and replace with --myopathies--.

Column 3,

Line 55, delete "2 3-fold" and replace with --2.3-fold--.

Column 4,

Line 5, delete "through need," and replace with --though needed,--.

Column 7,

Line 22, delete "(mcW+1 and mouse +is mdx." and replace with --(mcW+) and mouse 4 is mdx.--

Column 8,

Line 55, delete "reasonable" and replace with --responsible--.

Column 9,

Line 20, delete "transfenic" and replace with --transgenic--.

Line 40, delete "ATTH" and replace with --AATII--.

Column 10,

Line 9, delete "stranger" and replace with --stronger--.

Line 13, delete "contained" and replace with --compared--.

MAILING ADDRESS OF SENDER:

PATENT NO. 6,858,395

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FORM PTO 1050 (REV. 3-82)

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PATENT NO. : 6,858,395 *B2*

Page 2 of 3

DATED : February 22, 2005

INVENTOR(S) : Kaufman

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11,

Line 6, delete "stablizers" and replace with --stabilizes--.

Line 15, delete "cosin" and replace with --eosin--.

Column 13,

Line 17, delete "Similarity," and replace with --Similarly--.

Line 24, delete "invention" and replace with --inventor--.

Column 14,

Line 14, delete "myotendinous" and replace with --myotendinous--.

Lines 26-27, delete "contributors" and replace with --contributes--.

Line 61, delete "[Ca<sup>2-</sup>]i" and replace with --([Ca<sup>2+</sup>]i)--.

Line 64, delete "[Ca<sup>2-</sup>]i" and replace with --[Ca<sup>2+</sup>]i--.

Line 65, delete "Ca<sup>2-</sup>" and replace with --Ca<sup>2+</sup>--.

Line 66, delete "[Ca<sup>2-</sup>]i" and replace with --[Ca<sup>2+</sup>]i--.

Column 15,

Line 4, delete "[Ca<sup>2-</sup>]i" and replace with --[Ca<sup>2+</sup>]i--.

Line 5, "Ca<sup>2-</sup>" and replace with --Ca<sup>2+</sup>--.

Line 8, delete "charges" and replace with --changes--.

Line 16, delete "C-Raf-1)/mitogen-activated" and replace with --c-Raf-1/mitogen-activated--.

Column 16,

Line 1, insert a colon ":" between "assays" and "radioactive".

Column 17,

Lines 10 and 17, delete " $\alpha$ 7B" and replace with -- $\alpha$ 7 $\beta$ --.

Column 18,

Line 20, delete " $\alpha$ 7 $\oplus$ 1" and replace with -- $\alpha$ 7 $\beta$ 1--.

Column 20,

Line 30, delete "1 200" and replace with --1:200--.

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INVENTOR(S) : Kaufman

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Column 22,

Line 30, delete " $\alpha$ 7A $\alpha$ 7B" and replace with -- $\alpha$ 7A/ $\alpha$ 7B--.

Line 32, delete "5'-GAACAGCACCTTCTGAGG-3'" and replace with  
--5'- GAACAGCACCTTCTGGAGG-3'--.

Header of Table 1, delete "Map of a7 Integrin Promoter" and replace with --Map of  $\alpha$ 7 Integrin Promoter--.

Column 23,

Third line of DNA sequence in this column, delete

"GGAAGGAGGTAGGACACTTATTGAAATTAAAGAAAGGGAAAGAGAAAGAAATCGTAAGAA"  
and replace with

-- GGAAGGAGGTAGGACACTTATTGAAACTTTAAGAAAGGGAAAGAGAAAGAAATCGTAAGAA--.

Sixth line of DNA sequence in this column, delete

"GAGAGAGAAGGGAAAGATGGACAGATGTATATTACAAGACCAACACCAGTAAGCAAGGGGACT"  
and replace with

--GAGAGAGAAGGGAAAGATGGACAGATGTATATTACAAGACCAACACCAGTAAGCAAGGGGAGT--.

Column 24,

Line 60, delete "herein. an" and replace with --herein, an--

Column 25,

Line 18, delete "RP11-6445F BAC" and replace with --RP11-6445F. This BAC--.

Line 41, delete "from 5.8, and 10 week old" and replace with --from 5, 8, and 10 week old--.

Column 32, Claim 1,

Lines 56-58 in step (b), delete "a transcription product of an  $\alpha$ 7A integrin gene using hybridization or reverse transcriptase polymerase chain reaction or".

Lines 61 and 63 in step (c), delete "transcription or" before "translation".

Column 33, Claim 1,

Lines 1 and 2 in step (d), delete "transcription or" before "translation".

Lines 4-5, delete "normal individual." and replace with --normal individual;--

Line 6, insert --(e) detecting a translation product of a laminin gene using a detectable laminin-specific antibody, whereby scapuloperoneal muscular dystrophy is diagnosed when laminin expression is normal and  $\alpha$ 7A integrin expression is reduced in the muscle tissue sample.--

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